

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:08 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 062 Const Calendar Day: 582 Date: 13-Apr-2011 Wednesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 AM 05:30 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 18-May-11 Status: Approved

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**Tower Activities**

From 07:00 until 09:30, I checked on the bolting at Splice #1 and the 127m struts, and the welding at Splice #2 and at the ESW restraint brackets. After this, the bolting at Splice #1 was covered by Ae Tern, and the bolting at 127m was covered by Sanny Khow. See their diaries for a list of labor and details.

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**Welding at Splice #2**

Welding was ongoing throughout the shift inside the South shaft at Splice #2. Welding of the lower plate in the C-D corner was ongoing with 232 wire.

Incident report: I was informed by Bill Levell that METS intended to write an incident report for welding with the wrong electrode. Some of the tack welds were welded with 9018 SMAW electrode. The SMAW electrode for this grade 50 material should be 7018.

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**Welding of ESW restraint brackets:**

Welding continued on the restraint brackets for the shear plate electroslog joints on shear plate a1N and a1S. Also, removal of paint from the weld joints was being done with the use abrasive blasting. Prior to the start of blasting, I reminded the laborers that the drain openings inside the Tower cells need to be covered prior to blasting so the drains do not get clogged. I saw them cover 2 of the openings near where they about to start blasting. After blasting started, I did not enter this area for the rest of the shift due to the blast media in the air.

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From 13:00 until 14:00, I attended the weekly Team Tower meeting. Attending were Mark Woods, Saman Soheilifard, and I from Caltrans, and Mark MacDonald and Nick Greco from ABF. The following topics were discussed:

- Upcoming schedule: Grillage erection to start on Friday, 4/15, at 04:00, and the expected length of the shift is about 13 hours. Also, the full-height electroslog welding mock-up is scheduled for about 4/28 or 4/29.

- Grillage erection: We discussed the timing of activities for Tower grillage erection. After the grillage is set, the 1st step will be to agree that the horizontal position is OK based on skin-to-skin offsets on all skins of all shafts. Then the mill-to-bear surface between Lift 4, and the grillage will be checked, and the grillage top plate will be surveyed to check for level. Only after it is agreed that all of these are OK will the drilling of holes in the grillage begin.



## Daily Diary Report by Bid Item

**Job Name:** 04-0120F4

**Inspector Name:** Wright, Doug

**Diary #:** 062

**Date:** 13-Apr-2011

**Wednesday**

- Size of grillage holes: We asked if ABF plans to use the splice plates as a drilling template when drilling the grillage. They said that the current plan is to leave the external plates on, and use them as a template. We reminded them that a previous approval to use 1 3/16" imperial drill bits was contingent upon not drilling through the splice plate, and that if they use the splice plates as templates, then they need to use the metric 30mm drill bits.

- Elevator: Mark W informed ABF that discussions are currently underway to extend the elevator all the way to the Tower head.

- Paint: The repairs on the grillage paint are ongoing on the barge, and should be complete prior to erection. Also, field painting on the Tower strut facades should begin soon.

- Reaming of saddle holes: ABF said that they plan to ream the 4 saddle holes that are in the limited access holes adjacent to the Tower head 'F' plate.

**04-0120F4      Bid Item: 053      T-L01-SPD.053      Tower Lift 01 Shear Plates and Diaphragms**

AMERICAN BRIDGE/FLUOR, A JV

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	TODD JACKSON	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	ERIC SPARKS	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	SALVADOR SANDOVAL	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	IAN MURPHY	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	RICHARD GARCIA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	Morgan Winter	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	Alex Blanco	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JEFFERY SOUZA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	EARL CLAYBORN	8.00	2.00	0.00	10.00		<input type="checkbox"/>